structure "L3"

Ak θ 1   Hy θ 8   N θ 4   16 θ 1   27 θ 8   2 θ 4

θ 2   θ 5   1 θ 2 —18   2 θ 5

Cl θ 5   20   2 θ 6

Cy G3 Cy   O   8 72 9   θ 3 9 ---22   25 θ 6

θ 3 --- N   NO2 θ 6   3   4   21

O   11   10   2 θ 7

θ 11 θ 10   X θ 7   6 --- 1 --- 37

Hy   N   G1   3   4

Cb θ 9   θ 12 θ 13   43 θ 9   θ 12 θ 13

Hy   N   G1   38 --10 12--40

G2   11

46

θ 15 θ 14   θ 15 θ 14

Hy   A   13   15

N   52   14   49

A ---[A]1-2   47 ---[48]1-2

θ 16 θ 17   θ 16 θ 17

A   N   G1   54   56

[A]1-2 --A   57   55   62

[58]1-2 --59

```
chain nodes :
    6   8   9  16  17  18  19  20  21  22  23  24  25  26  27  37  38  40  43  46  52  62
ring nodes :
    1   2   3   4   5  10  11  12  13  14  15  47  48  49  54  55  56  57  58  59  72
chain bonds :
    2-6  3-8  4-9  5-37  10-38  11-46  12-40  13-52  17-18  19-20  19-21  19-22  56-62
ring bonds :
    1-2  1-5  3-4  3-72  4-72  10-11  11-12  13-14  14-15  14-47  15-49  47-48  48-49  54-55
    54-57  55-56  55-59  57-58  58-59
exact/norm bonds :
    1-2  1-5  2-6  3-8  3-4  3-72  4-9  4-72  5-37  10-11  10-38  11-12  11-46  12-40  13-14
    13-52  14-15  14-47  15-49  17-18  19-20  19-21  19-22  47-48  48-49  54-55  54-57  55-56
    55-59  56-62  57-58  58-59


G1:[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8]

G2:Si,Hy,Ak,[*9]

G3:[*10-*11],[*12-*13],[*14-*15],[*16-*17]

Connectivity :
    1:2 E exact RC ring/chain
Match level :
    1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  8:Atom  9:Atom  10:Atom  11:Atom  12:Atom
    13:CLASS  14:Atom  15:Atom  16:CLASS  17:CLASS  18:CLASS  19:CLASS  20:CLASS  21:CLASS
    22:CLASS  23:CLASS  24:CLASS  25:CLASS  26:CLASS  27:Atom  37:CLASS  38:Atom  40:CLASS
    43:Atom
```

```
          46:CLASS   47:Atom    48:Atom   49:Atom   52:Atom   54:Atom   55:Atom   56:Atom   57:Atom
    58:Atom   59:Atom   62:CLASS   72:Atom
Generic attributes :
    6:
    Number of Hetero Atoms : 2 or more
    8:
    Saturation              : Unsaturated
    9:
    Saturation              : Unsaturated
    38:
    Number of Hetero Atoms : 2 or more
    43:
    Saturation              : Unsaturated
    52:
    Saturation              : Unsaturated

Element Count :
    Node 6: Limited
        N,N1

    Node 38: Limited
        N,N1

    Node 52: Limited
        N,N1
```
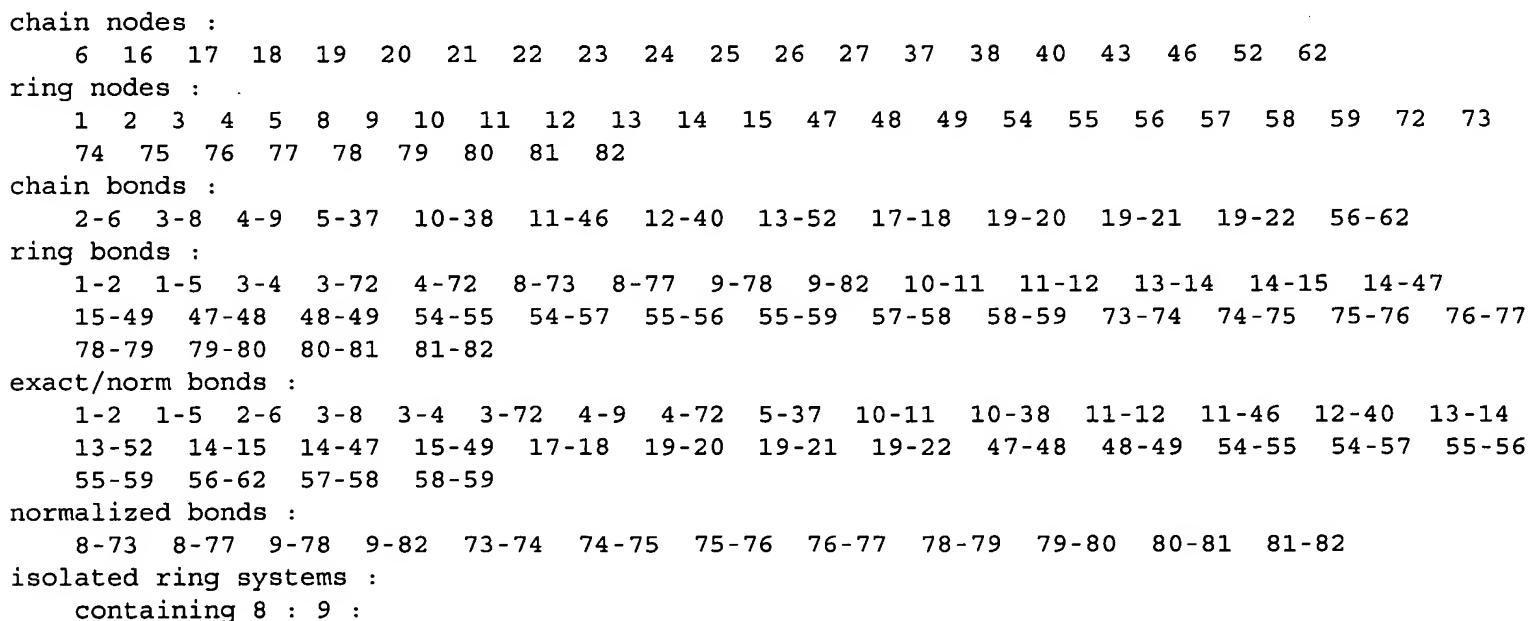
structure "L7"

chain nodes :
```
   6   16   17   18   19   20   21   22   23   24   25   26   27   37   38   40   43   46   52   62
```
ring nodes :
```
   1    2    3    4    5    8    9   10   11   12   13   14   15   47   48   49   54   55   56   57   58   59   72   73
  74   75   76   77   78   79   80   81   82
```
chain bonds :
```
   2-6   3-8   4-9   5-37   10-38   11-46   12-40   13-52   17-18   19-20   19-21   19-22   56-62
```
ring bonds :
```
   1-2   1-5   3-4   3-72   4-72   8-73   8-77   9-78   9-82   10-11   11-12   13-14   14-15   14-47
  15-49   47-48   48-49   54-55   54-57   55-56   55-59   57-58   58-59   73-74   74-75   75-76   76-77
  78-79   79-80   80-81   81-82
```
exact/norm bonds :
```
   1-2   1-5   2-6   3-8   3-4   3-72   4-9   4-72   5-37   10-11   10-38   11-12   11-46   12-40   13-14
  13-52   14-15   14-47   15-49   17-18   19-20   19-21   19-22   47-48   48-49   54-55   54-57   55-56
  55-59   56-62   57-58   58-59
```
normalized bonds :
```
   8-73   8-77   9-78   9-82   73-74   74-75   75-76   76-77   78-79   79-80   80-81   81-82
```
isolated ring systems :
```
   containing 8 : 9 :
```

G1:[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8]

G2:Si,Hy,Ak,[*9]

G3:[*10-*11],[*12-*13],[*14-*15],[*16-*17]

Connectivity :

```
     1:2 E exact RC ring/chain
Match level :
     1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   8:Atom   9:Atom   10:Atom   11:Atom   12:Atom
     13:CLASS   14:Atom   15:Atom   16:CLASS   17:CLASS   18:CLASS   19:CLASS   20:CLASS   21:CLASS
     22:CLASS   23:CLASS   24:CLASS   25:CLASS   26:CLASS   27:Atom   37:CLASS   38:Atom   40:CLASS
     43:Atom   46:CLASS   47:Atom   48:Atom   49:Atom   52:Atom   54:Atom   55:Atom   56:Atom   57:Atom
     58:Atom   59:Atom   62:CLASS   72:Atom   73:Atom   74:Atom   75:Atom   76:Atom   77:Atom   78:Atom
     79:Atom   80:Atom   81:Atom   82:Atom
Generic attributes :
     6:
     Number of Hetero Atoms : 2 or more
     38:
     Number of Hetero Atoms : 2 or more
     43:
     Saturation              : Unsaturated
     52:
     Saturation              : Unsaturated

Element Count :
     Node 6: Limited
          N,N1

     Node 38: Limited
          N,N1

     Node 52: Limited
          N,N1
```
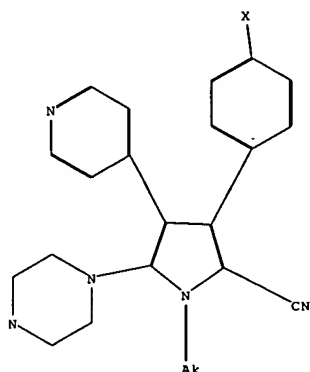
structure "L12"
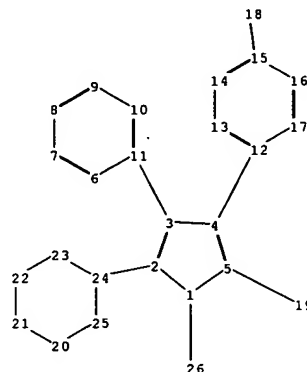
chain nodes :
    18   19   26
ring nodes :
    1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   20   21   22   23   24   25
chain bonds :
    1-26   2-24   3-11   4-12   5-19   15-18
ring bonds :
    1-2   1-5   2-3   3-4   4-5   6-7   6-11   7-8   8-9   9-10   10-11   12-13   12-17   13-14   14-15
    15-16   16-17   20-21   20-25   21-22   22-23   23-24   24-25
exact/norm bonds :
    1-2   1-5   1-26   2-3   2-24   3-4   4-5   20-21   20-25   21-22   22-23   23-24   24-25
exact bonds :
    3-11   4-12   5-19   15-18
normalized bonds :
    6-7   6-11   7-8   8-9   9-10   10-11   12-13   12-17   13-14   14-15   15-16   16-17

Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom   11:Atom
    12:Atom   13:Atom   14:Atom   15:Atom   16:Atom   17:Atom   18:CLASS   19:CLASS   20:Atom
    21:Atom   22:Atom   23:Atom   24:Atom   25:Atom   26:CLASS